

AIR QUALITY

Key Facts on the Project's management of Dust & other emissions

Maintaining air quality and minimising dust will be a priority for Savannah at the Project. To ensure that the dust created is minimised, a set of procedures and controls will be put into practice. Monitoring for dust and emissions will be conducted on an ongoing basis using equipment that will be installed in all villages near the Project. With the exception of emissions from vehicles, which Savannah is targeting to minimise through its Decarbonisation strategy, no other notable airborne emissions are expected from the Project.

1. What kind of emissions and activities can compromise air quality?

The Project will be a busy place with activities such as vehicle movements on and offsite and mining generating dust and carbon dioxide emissions.



2. How will Savannah control dust generated by the Project?

- ▶ Use of predictive meteorological forecasting to ensure staff are aware of upcoming conditions, such as dry or windy weather, which require active management.
- ▶ Outside of periods of rainfall, Savannah will treat unpaved roads with water to minimise dust generation.
- ▶ Minimising the Project's active mining footprint to the smallest area practicable by promptly rehabilitating disturbed areas including re-vegetating with native species.
- ▶ Automatic activation of fog cannons to humidify the air to suppress dust when haul trucks dump their loads at the processing plant.
- ▶ The primary crusher will be enclosed and have dust control sprays.
- ▶ Installation of air quality monitors, on-site and within the neighbouring communities, which continuously measure and report data.
- ▶ Using continuous dust monitors, with pre-determined levels triggering an alarm to notify Project supervisors if target levels are exceeded.



REAL-TIME AIR QUALITY MONITOR



3. Will there be other airborne emissions, resulting from the Project?

► Savannah is committed to net zero carbon emissions over the life of the Project and will use zero/ultra-low emission vehicles wherever possible, including for mining and transportation, once suitable vehicles are commercially available.

No other emissions are expected from the Project that will impact air quality. However, the network of real time air quality monitors will be constantly analysing for all major gases and dust.

4. How can stakeholders find out more about emissions monitoring and file a complaint if needed?

► The air quality data collected by the network of measuring equipment across the area will be made publicly available via an easy to use Project smart phone app which will be set up, on Savannah's website, on display screens at Savannah's Information Centres and in other public places.

► A 24-hour telephone hotline will be set up for residents to report concerns about dust or airborne emissions. Complaints can also be made at one of Information Centres during office hours, or by emailing the address below.

► Savannah will initiate immediate investigations into each complaint received and take the necessary actions. Savannah will update and liaise with the resident while the matter is resolved.

If you would like more information or have any questions or comments, please visit or contact the Barroso Lithium Project Information Centres

Information Centre Addresses:

Boticas: Rua 5 de Outubro, nº26 , 5460-304

Covas do Barroso: Largo do Cruzeiro nº7, 5460-381

T : 276 413 042

E: centro.informacao@savannahresources.pt

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